

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
30 June 2005 (30.06.2005)

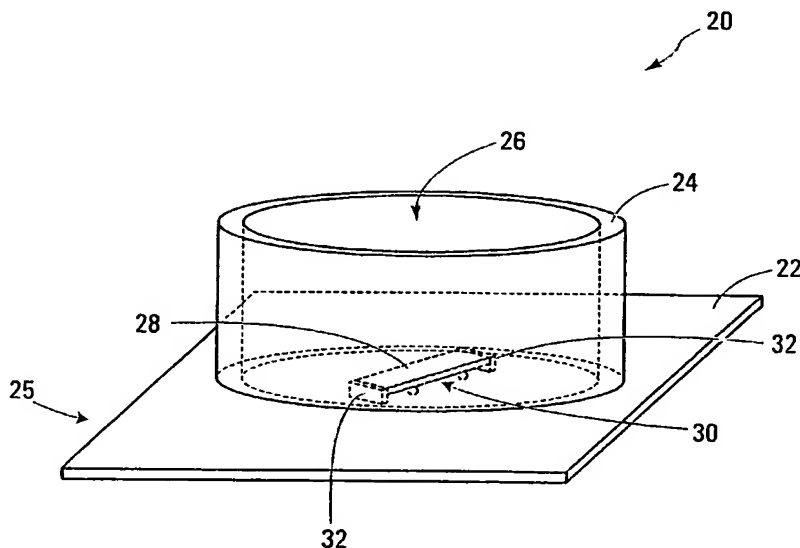
PCT

(10) International Publication Number
WO 2005/059088 A1

- (51) International Patent Classification⁷: C12M 3/00, C12N 5/00
- (21) International Application Number: PCT/CA2004/002138
- (22) International Filing Date: 17 December 2004 (17.12.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/530,614 19 December 2003 (19.12.2003) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AI, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: CULTURED CELL AND METHOD AND APPARATUS FOR CELL CULTURE



(57) Abstract: One or more cells can be cultured when confined in space by barriers. The distance between barriers can be comparable to the size of a cell to be cultured. The space between barriers can also be sufficiently small to allow control of cell properties or monitoring of the cell(s) cultured therein. The cell(s) may be confined completely or may be mobile between two opposing barrier surfaces. The gap between two opposing barriers may be sufficiently narrow to allow only a monolayer of cells to be cultured. A barrier can be transparent. The surfaces of the barriers may have one or more pre-selected characteristics that mimic the characteristics of a biological niche of the cells(s). The number of cells in a cell culture may be limited to permit control of properties of individual cells. The cultured cell(s) may be monitored, such as imaged, over a long period of time, using standard bright field or fluorescent imaging techniques.

WO 2005/059088 A1



Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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